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## FOREWORD

This manual was originally prepared by Robin Whittle, Arup Research and Development, in 1978 under the guidance of a client committee including Vic Kemp (Chairman), Cecil Balmond, Les Dobinson, Mike Glover, John Hopkins and Tony Stevens. The graphic artwork was carried out by Ray Ingles.

A major revision was made in 1990 to include updates from CP110 to BS8110 under the guidance of a revision panel including Les Dobinson, Paul Duizand, Tim George, David Osborne and Tony Stevens.

The 1997 revision was carried out by Zoe Rushby and Matt Jackson under the direction of Robin Whittle, and included:

- The addition of detailing information for post-tension prestressing
- Pre-Eurocode information explaining differences of approach to that in the UK
- The BS8110-1: 1997 revisions

The 2000 revision includes changes due to the transition from BS4499 to BS8666, the work being carried out by Richard Lawson under the direction of Robin Whittle.

This 2006 revision incorporates:

- The revision of BS8666: 2000 to BS8666: 2005
- The replacement of BS5328-1 by BS8500-1: 2002, the complimentary standard to BS EN206-1.
- The amendments to BS8110-1: 1997 to align the standard to the above changes
- Pre-Eurocode information removed in anticipation of separate guidance to the finalised EC2.

The latest revision of this manual was prepared by Richard Robertshaw under the direction of Tony Jones.

# Arup Reinforcement Detailing Manual

**Wolfgang Guggemos**



## **Arup Reinforcement Detailing Manual:**

*Reinforcement Detailing Manual* Robin Whittle, 1981      **The Structural Engineer**, 1998      *BIM Handbook* Rafael Sacks, Ghang Lee, Luciana Burdi, Marzia Bolpagni, 2025-03-25 Understand the latest advances in BIM with this fully updated guide Building Information Modeling BIM has become an increasingly central component of architecture and the building trades Modern BIM software has moved beyond the simple 2D and 3D modeling tools of the past to incorporate simulation analysis project management and more BIM Handbook A Guide to Building Information Modeling for Owners Designers Engineers Contractors and Facility Managers has long served as the essential introduction to this subject and its ever expanding applications Now fully updated to reflect the increasing standardization of BIM practices and its cutting edge industry frameworks the latest edition of this key text remains the fundamental tool for understanding the backbone of innovation in construction technology Readers of the fourth edition of BIM Handbook will also find Expanded treatment of the owner's perspective in BIM and BIM integration Detailed discussion of new industry specific frameworks such as ISO 19650 Exploration of the relationship between BIM and digital twins for construction operations and maintenance BIM Handbook is ideal for any professionals in the building trades including owners and operators of buildings architects engineers contractors fabricators developers of BIM software and more      **ICE Manual of Geotechnical Engineering Volume 2** Hilary Skinner, D G Toll, Kelvin Higgins, Mike Brown, John Burland, 2023-11-17 ICE Manual of Geotechnical Engineering Second edition brings together an exceptional breadth of material to provide a definitive reference on geotechnical engineering solutions Written and edited by leading specialists each chapter provides contemporary guidance and best practice knowledge for civil and structural engineers in the field      **Introduction to Eurocode 2** A. Alexandrou, D Beckett Nfa, 1997-10-16 A concise and practical introduction to the new European Code of Practice for Design of Concrete Structures EC2 This book guides the reader through the background to the Eurocodes and explains the main differences between them and the equivalent Standard Codes of Practice An Introduction to Eurocode 2 will be invaluable for engineers who need to      *Design Applications of Raft Foundations* J. A. Hemsley, 2000 This book examines alternative design procedures for plain and piled raft foundations It explores the assumptions that are made in the analysis of soil structure interaction together with the associated calculation methods The book gives many examples of project applications covering a wide range of structural forms and ground conditions      *New Civil Engineer*, 1977      Siviele Ingenieur in Suid-Afrika, 1975      *Highways*, 1997      Civil Engineering, 1964

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